International Journal of Theoretical Physics, Vol. 17, No 12 (1978), pp. 1003–1005

Author Index to Volume 17

Apsel, David. *Gravitational, Electromagnetic, and Nuclear Theory* . . 643
Bergmann, Peter G. *Modified Supersymmetries* 377
Bertotti, Bruno. *The Equivalence Principle According to Mach* . . . 309
Brandt, R. A. *The Spin Statistics Connection for Dyons* 267
Buchdahl, H. A. *Remark on the Equations* $\delta R^2\ \delta g_{ij} = 0$ 149
Chakravarti, Subhendu P. *Metrics of Static Spheroidal Charged Dust Distributions* 719
Cheon, Il-Tong. *Hypothesis of the Fundamental Length and Quantum Electrodynamics* 611
Chow, Yutze. *On Algebras, Manifolds, and Fiber Bundles in Physics* . 505
Coleman, Robert Alan. *Space-Time Operators and the Incompatibility of Quantum Mechanics with Both Finite-Dimensional Spinor Fields and Lagrangian Dynamics in the Context of Special Relativity*. 83
Cook, Norman D. *Nuclear and Atomic Models* 21
Cook, Thurlow A. *The Geometry of Specialized Quantum Logics* . . 941
Davidson, W. *Tests of Gravitational Theories Using Space Probes* . . 651
De, U. K. *Metrics of Static Spheroidal Charged Dust Distributions* . 719
Dirac, P. A. M. *The Monopole Concept* 235
Dodson, C. T. J. *Space-Time Edge Geometry* 389
Domingos, J. M. *From the Classical Field with Sources to the Multipole Matrix Elements* 43
Enosh, M. *Differential Constants for Systems of Free Gravitating Particles. II. General Relativity* 319
Enosh, M. *Is Active Gravitational Mass Equal to Inertial Mass?* . . 549
Easthope, Paul. *The Equivalence Principle According to Mach* . . . 309
Finkelstein, David. *Holistic Methods* 293
Finkelstein, David. *Magnetohydrodynamic Kinks in Astrophysics* . . 201
Freund, Peter G. O. *Monopoles, Topology, Symmetry* 301
García-Sucre, M. *A Unified View of Particles and Fields in a Simple Model of a Physical System* 163
Grabowski, Marian. *A-Entropy for Generalized Observables* . . . 635
Guz, Wawrzyniec. *On the Simultaneous Verifiability of Yes–No Measurements* 543

0020-7748/78/1200-1003$03.00/0 © 1979 Plenum Publishing Corporation

Herlt, E. *Wave Optics of the Spherical Gravitational Lens. II. Diffraction of a Plane Electromagnetic Wave by a Black Hole* 189
Hockney, Donald. *The Significance of a Hidden Variable Proof and the Logical Interpretation of Quantum Mechanics* 685
Horák, Michal. *First-Order Invariant Einstein–Cartan Variational Structures* 573
Karpman, G. *Time Without Clocks* 725
Kazama, Yoichi. *Dynamics of Electron–Monopole System* 249
Komar, Arthur. *Canonical Decomposition of the General Relativistic Initial Value Problem* 709
Komar, Arthur B. *Modified Supersymmetries* 377
Kovetz, A. *Differential Constants of Motion for Systems of Free Gravitating Particles. II. General Relativity* 319
Kovetz, A. *Is Active Gravitational Mass Equal to Inertial Mass?* . . 549
Krupka, Demeter. *A Theory of Generally Invariant Lagrangians for the Metric Fields. I.* 359
Krupka, Demeter. *First-Order Invariant Einstein–Cartan Variational Structures* 573
Kyriakopoulos, E. *Conformal Invariance of Maxwell's Equations with Magnetic Charges* 353
Macedo, A. *Thin Cylindrical Shell of Dust Under Rigid Rotation In General Relativity* 975
Marciano, William J. *Magnetic Monopoles and Non-Abelian Gauge Theories* 275
McGrath, James H. *A Formal Statement of the Einstein–Rosen Argument* 557
Murphy, George L. *Light Does Not Tire* 663
Nambu, Y. *Some Topological Configurations in Gauge Theories* . . 287
Neumann, H. *A Mathematical Model for a Set of Microsystems* . . 219
Novotný, Jan *On the Generally Invariant Lagrangians for the Metric Field and Other Tensor Fields* 677
Orlov, Yu. F. *Wave Calculus Based Upon Wave Logic* 585
Palev, T. D. *Fock-Type Representation of the Lie Superalgebra A*(0, 1) 985
Papapetrou, A. *Thin Cylindrical Shell of Dust Under Rigid Rotation in General Relativity* 975
Pascoal, H. *From the Classical Field with Sources to the Multipole Matrix Elements* 43
Pavšič, Matej. *Answer to "Information Flow, Causality, and the Classical Theory of Tachyons"* 77
Pisello, Daniel M. *Unified Field Theory with Homotropic Charge* . . 143
Primack, J. R. *The Spin Statistics Connection for Dyons* 267
Pulmannová, S. *Joint Distributions of Observables on Quantum Logics* 665
Ray, Dipankar. *Relativistic Fluids in Spherically Symmetric Space* . . 153

Recami, Erasmo. *Answer to "Information Flow, Causality, and the Classical Theory of Tachyons"* 77
Rosen, Gerald. *Approach to a Theory for the Masses of the Electron, Muon, and Heavier Charged Leptons* 1
Santos, N. O. *Long-Range Scalar Field in Conformally Flat Space-Time* 631
Schecter, Martin. *Another Look at Scattering Theory*. 33
Schwebel, Solomon L. *Interaction Theory: Relativistic Hydrogen Atom sand The Lamb Shift* 931
Smalley, Larry L. *Gravitational Radiation in Asymptotic de Sitter Space* 5
Som, M. M. *Long-Range Scalar Field in Conformally Flat Space-Time* 631
Som, M. M. *Thin Cylindrical Shell of Dust Under Rigid Rotation in General Relativity*. 975
Sorkin, Rafael. *The Triviality of Continuous Multipliers for the Real Line* 369
Stephani, H. *Wave Optics of the Spherical Gravitational Lens. II. Diffraction of a Plane Electromagnetic Wave by a Black Hole* . 189
Sternglass, E. J. *Evidence for a Relativistic Electron-Pair Model of Nuclear Particles* 347
Stiegler, Karl Drago. *On the Nonequivalency of "Right" and "Left" in the Electrodynamics of Moving Bodies: Answer to M. Podlaha's Objections* [International Journal of Theoretical Physics, **11**, *69 (1974)*] *Against our Theory Presented in "The Axiomatic Foundations of the Theory of Special Relativity"* [International Journal of Theoretical Physics, **5**, *403 (1972)*] 227
Szekeres, Peter. *The Mathematical Foundations of Dimensionless Analysis and the Question of Fundamental Units* 951
Textor, Wolfgang. *A Theorem on Maximum Variance* 599
Toyoda, Toshiyuki. *A New Approach to the Theory of Elementary Domains* 993
Weil, Daniel. *Magnetohydrodynamic Kinks in Astrophysics* 201
Weissmann, George. *Particle Order: A New Fundamental Concept in Hadron Physics*
Part One 747
Part Two 853
Yasue, Kunio. *A New Approach to the Theory of Elementary Domains* 993